

Abstract

An articulated dump truck has a front tractor unit connected to an associated rear trailer unit with a tipping container by an articulated coupling. The articulated coupling is operable to allow the front tractor unit and rear trailer unit to pivot about a vertical pivot axis, rams being provided to turn the front tractor unit and rear trailer unit about the pivot to steer the dump truck. The articulated coupling also allows the front tractor unit and rear trailer unit to rotate relative to each other about a longitudinal axis of the dump truck. In addition, the front tractor unit has a front chassis mounted on a pair of wheels by an independent suspension system.